



File Code: 3400

Date: December 4, 2009

Ms. Nita Fuller  
Assistant Regional Director of Refuges and Wildlife  
Region 3  
Federal Building  
Fort Snelling  
Twin Cities, MN 55111

A summary of the 1983-2009 gypsy moth trapping program at Ottawa National Wildlife Refuge is enclosed for your information (Table 1). A map showing the trap locations is also enclosed (Figure 1). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

The total male moth catch at Ottawa NWR increased slightly in 2009 to 64 moths, up from 56 male moths in 2008. Based on these results, gypsy moth populations will not have an impact on the forest resources in the immediate future at Ottawa NWR.

Figure 2 shows 2009 gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The insert on the figure shows a close-up of the STS results in relation to the Ottawa NWR properties. For more information regarding the STS, visit <http://www.gmsts.org>.

It is important for Ottawa NWR personnel to continue looking for other gypsy moth life stages such as larvae, pupae and/or egg masses while performing their normal duties. The GM Digest web page is a good resource for general gypsy moth information, as well as, having publication links that can be helpful in the identification of these life stages. The web address is:  
<http://www.na.fs.fed.us/fhp/gm/index.shtml>.

We would like to continue the trapping programs at the same intensity in 2010. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

ROBERT G. LUECKEL  
Field Representative  
Forest Health Protection

Enclosures

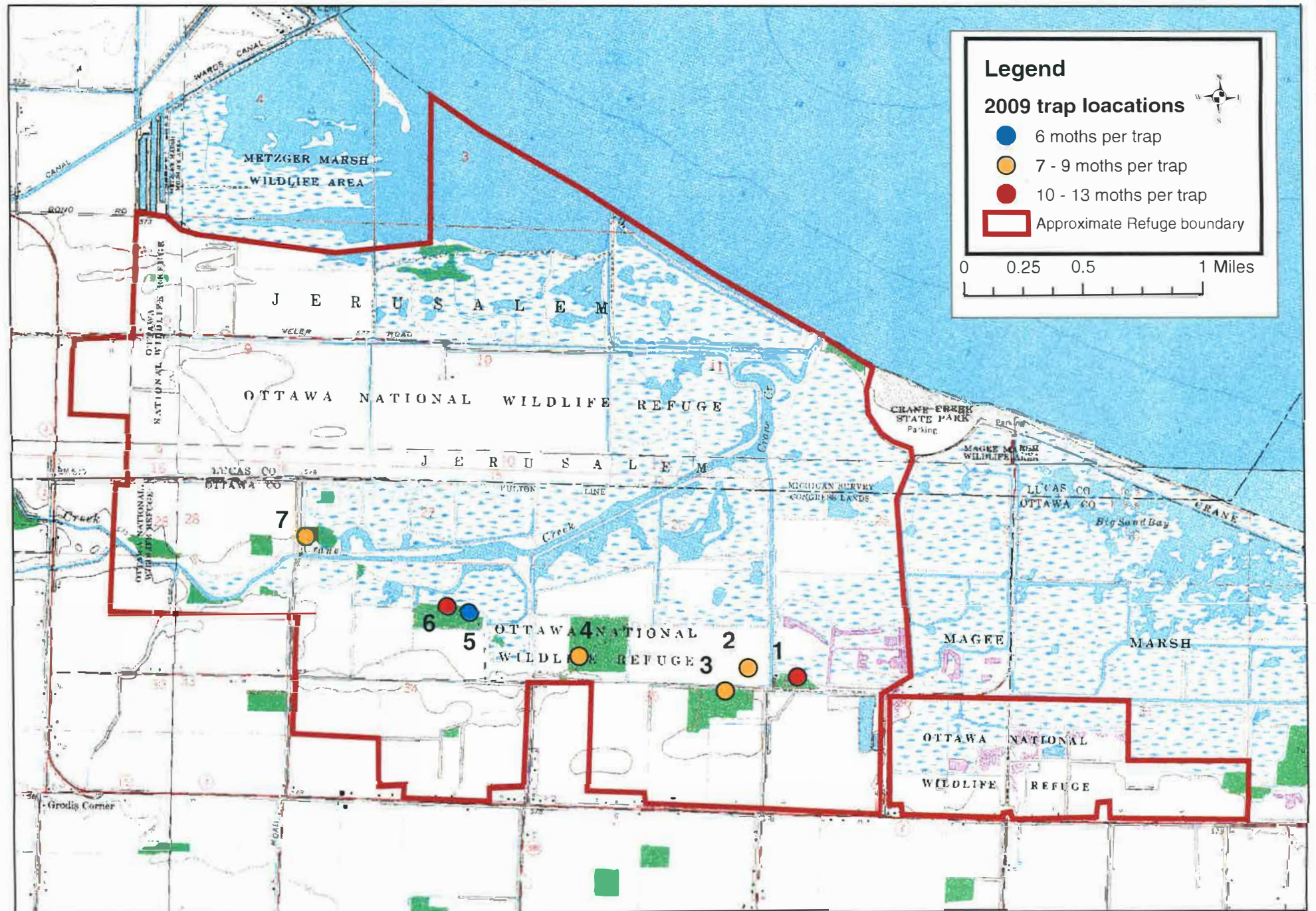
Cc: Ron Hoffman, Wildlife Biologist, Ottawa NWR  
Dave Atkins, OHDA  
Lisa Bowers, OH DNR



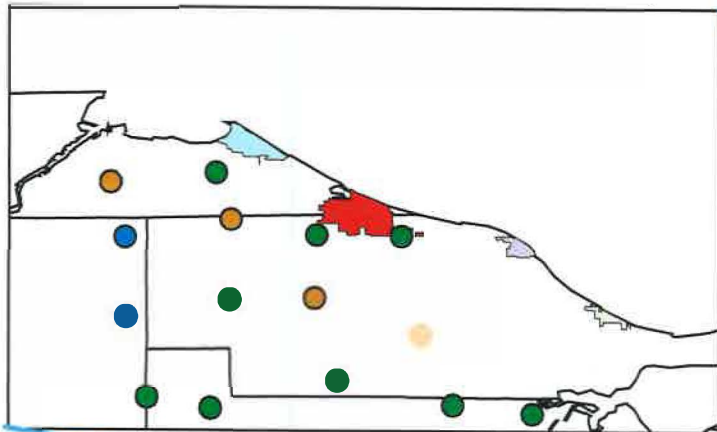
Table 1. – Summary of the 1983-2009 gypsy moth trapping results  
Region 3, USDI Fish and Wildlife Service.

Ottawa National Wildlife Refuge (Lucas and Ottawa counties)			
Year	Number of traps	Total moths caught	Positive catch trap number
1983	5	0	--
1984	10	0	--
1985			Traps not deployed
1986	10	11	1, 3, 4, 5
1987	7	3	3, 4, 7
1988	7	8	1, 2, 5, 7
1989	7	36	All except 2, 4
1990	7	28	All
1991	7	15	All
1992	7	19	All
1993	7	43	All
1994	7	28	All
1995	5	60	All
1996			Not deployed due to staff changes
1997	3	42	1, 6, 7
1998	7	77	All
1999	7	119	All
2000	7	64	All
2001	7	69	--
2002	7	90	All
2003	7	103	All
2004	7	85	All
2005	7	64	All
2006	7	54	All
2007	7	101	All
2008	7	56	All
2009	7	64	All

Figure 1.--2009 gypsy moth trap locations at Ottawa National Wildlife Refuge.







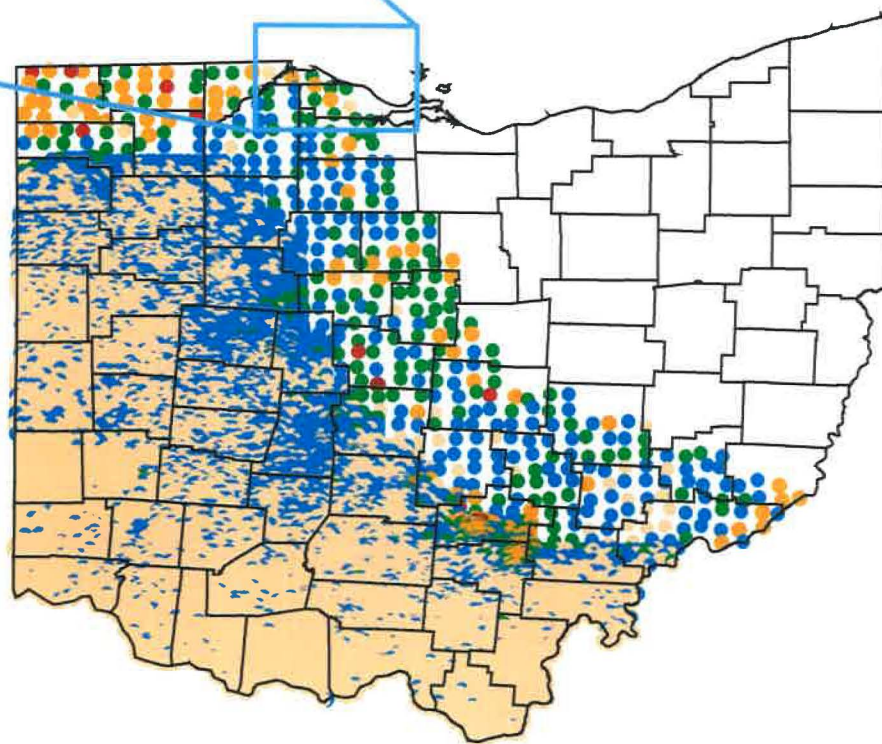
**Figure 2.--2009 Slow-the-Spread trapping results in Ohio and in the proximity of Ottawa National Wildlife Refuge.**

### Legend

#### 2009 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 772 moths per trap

- Ottawa NWR
- Navarre Unit
- Darby Unit
- Cedar Point NWR
- Counties



Data Source:  
Gypsy Moth Slow-the Spread Project  
<http://www.gmsts.org/>